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(54) Title: PROCESS FOR THE PURIFICATION OF TNF-BINDING PROTEINS USING IMAC

Capture step	CU**-CHELATE	Loading: pH6.8 Elution: pH 3.0
	II.	
Intermediate Steps	SP-SEPHAROSE FF	Leading: pH 3.0 Elution: pH 4.0
	11	
	10 KD ULTRAFILTRATION	
	l .	
	Q-SEPHAROSE FF	Loading: pH 9.0
		Elution: pH 9.0
	U.	
	NANOFILTRATION FOR VIRUS	
	REMOVAL	
	1	
Polishing	BUTYL SEPHAROSE FF	Loading: pH 7.5
steps		Elution: pH 7.5
1	Ţ	•
	10 KD ULTRAFILTRATION	}
	<b>↓</b>	•
	0.22 μ microfilration	
	Ţ.	J
	r-hTBP-1 BULK	40 mM PBS pH
		7.0. 10 mM NaCl

(57) Abstract: A new purification process for Tumor Necrosis Factor-binding proteins is described. In particular this process is characterized by the use as capture step of an Immobilized Metal Affinity Chromatography (IMAC) using copper as metal. This brings advantages in terms of process yields, purity of the final product and applicability to industrial scale.